

IN THE CLAIMS:

1. **(Currently Amended)** Layered structure comprising at least one layer with electric leads circuitry for a hearing aid, wherein the at least one layer comprising first and second metallic leads adapted for feeding electric signals are fed along metallic leads which are and adapted to comprise hearing aid amplifier and receiver components, each component comprising corresponding first and second electrical terminals, respectively, said corresponding first terminals and said corresponding second terminals being adapted to be electrically connected by said first and second metallic leads, respectively, said first and second leads being adhered to a said at least one layer on or with the layered structure, including a first and a second lead for connecting a first and a second terminal of a component, wherein the said two leads connected to an amplifier at one end and to a hearing aid receiver at the other end, and wherein the two leads are passed side-by-side and alternating on the two sides of the layer, each lead being electrically connected from one side to the other via through holes in said at least one layer, and in such a manner that the first and second lead will cross one another at an a substantially right angle but passing on each their side of the layer in that the four through holes of two crossing leads substantially constitute a square.

2. **(Currently Amended)** Layered structure as claimed in claim 1, ~~where the leads pass in such a way wherein said square is as small as possible~~ that a maximum number of twists is achieved.

3. **(Previously Presented)** Layered structure as claimed in claim 1, wherein the leads from one through hole of the layer to the next are drawn in a straight line and the through holes for passing the leads through the layer are placed side-by-side with no more space there between than is necessary for isolation purposes.

4. **(Canceled)**

5. **(Currently Amended)** A combination of a hearing aid amplifier, a hearing aid receiver, and a layered structure ~~with electric leads, wherein electric signals are fed along metallic leads which are adhered to a layer on or with the layered structure, including a first and a second lead for connecting a first and a second terminal of a component, wherein the leads are connected to the amplifier at one end and to the hearing aid receiver at the other end, and wherein the two leads are passed side by side and alternating on the two sides of the layer, and in such a manner that the first and second lead will cross one another at an angle but passing on each their side of the layer~~ according to claim 1.